BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

MODIFIED SCHEDULE - B

Name of Work: PACKAGE NO. 06 (PACKAGE CONSISTS OF 14 WORKS)

Sl. No.	Approved Qty.	Description	Unit	M/s. SMLP Asphalts	
				In Figures	In Words
1	97.14	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead I By Manual Means B Cement Concrete Grade M-15 & M-20	Cum	844.14	Rupees Eight Hundred Forty Four And Paise Fourteen Only
2	3093.80	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm	127.03	Rupees One Hundred Twenty Seven And Paise Three Only
3	266.40	Removing and resetting of footpath slab	Sqm	246.70	Rupees Two Hundred Forty Six And Paise Seventy Only
4	12999.02	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	214.79	Rupees Two Hundred Fourteen And Paise Seventy Nine Only
5	1338.30	Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete	Sqm	778.95	Rupees Seven Hundred Seventy Eight And Paise Ninety Five Only
6	119.82	Providing granite slabs of selected quality roughly dressed having a size of 10cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.	Sqm	878.68	Rupees Eight Hundred Seventy Eight And Paise Sixty Eight Only
7	108.00	Providing one line dressing to granite stone slabs / Granite Stone masonry as per specifications as direction of Engineer incharge of work	Sqm	254.05	Rupees Two Hundred Fifty Four And Paise Five Only

Signature of the Contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	M/s. SMLP Asphalts	
				In Figures	In Words
8	1748.08	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	Cum	6413.65	Rupees Six Thousand Four Hundred Thirteen And Paise Sixty Five Only
9	3735.88	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	Cum	7236.31	Rupees Seven Thousand Two Hundred Thirty Six And Paise Thirty One Only
10	235.36	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200	Tonne	106436.07	Rupees One Lakh(s) Six Thousand Four Hundred Thirty Six And Paise Seven Only
11	50.63	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	6180.38	Rupees Six Thousand One Hundred Eighty And Paise Thirty Eight Only
12	92.48	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paidseparately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates	Cum	6790.11	Rupees Six Thousand Seven Hundred Ninety And Paise Eleven Only

Signature of the Contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	M/s. SMLP Asphalts	
				In Figures	In Words
13	6617.66	Providing and Fixing pre cast covering Slab 100mm thick made out of CC, Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge.	Sqm	2175.19	Rupees Two Thousand One Hundred Seventy Five And Paise Nineteen Only
14	818.16	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	Sqm	5287.84	Rupees Five Thousand Two Hundred Eighty Seven And Paise Eighty Four Only
15	0.00	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kgs	127.03	Rupees One Hundred Twenty Seven And Paise Three Only
16	2389.23	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.	Cum	75.06	Rupees Seventy Five And Paise Six Only
	3.69	Qty Above 125%	Cum	75.06	Rupees Seventy Five And Paise Six Only
17	3092.63	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification	Sqm	4.62	Rupees Four And Paise Sixty Two Only
18	322.74	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material)	Cum	2710.27	Rupees Two Thousand Seven Hundred Ten And Paise Twenty Seven Only

Signature of the Contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	M/s. SMLP Asphalts	
				In Figures	In Words
	21.36	Qty Above 125%	Cum	2710.27	Rupees Two Thousand Seven Hundred Ten And Paise Twenty Seven Only
19	2659.54	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	2764.54	Rupees Two Thousand Seven Hundred Sixty Four And Paise Fifty Four Only
20	13247.27	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means	Sqm	48.50	Rupees Forty Eight And Paise Fifty Only
21	667.87	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	Cum	10553.53	Rupees Ten Thousand Five Hundred Fifty Three And Paise Fifty Three Only
22	24407.54	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503	Sqm	16.17	Rupees Sixteen And Paise Seventeen Only
23	970.64	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	12253.37	Rupees Twelve Thousand Two Hundred Fifty Three And Paise Thirty Seven Only
24	910.92	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803 (PWD SR 21-22 Vol III Pg no 57 Item No 8.15)	Sqm	551.98	Rupees Five Hundred Fifty One And Paise Ninety Eight Only

Signature of the Contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	M/s. SMLP Asphalts	
				In Figures	In Words
25	101.20	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately MORTH Specification	Cum	487.32	Rupees Four Hundred Eighty Seven And Paise Thirty Two Only
	10.10	Qty Above 125%	Cum	487.32	Rupees Four Hundred Eighty Seven And Paise Thirty Two Only
26	207.83	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates	Cum	5611.08	Rupees Five Thousand Six Hundred Eleven And Paise Eight Only
27	208.25	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work.	Cum	7519.93	Rupees Seven Thousand Five Hundred Nineteen And Paise Ninety Three Only

Signature of the Contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	M/s. SMLP Asphalts	
				In Figures	In Words
28	496.42	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by Engineer incharge.	M	80.83	Rupees Eighty And Paise Eighty Three Only
29	496.42	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm.wide).	M	190.54	Rupees One Hundred Ninety And Paise Fifty Four Only
30	15361.77	**Loading and Unloading of Stone Boulder**/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	136.26	Rupees One Hundred Thirty Six And Paise Twenty Six Only
31	19663.06	**Cost of Haulage** Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	T. Km	110.86	Rupees One Hundred Ten And Paise Eighty Six Only

Signature of the Contractor

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Signature of the Contractor

Executive Engineer